

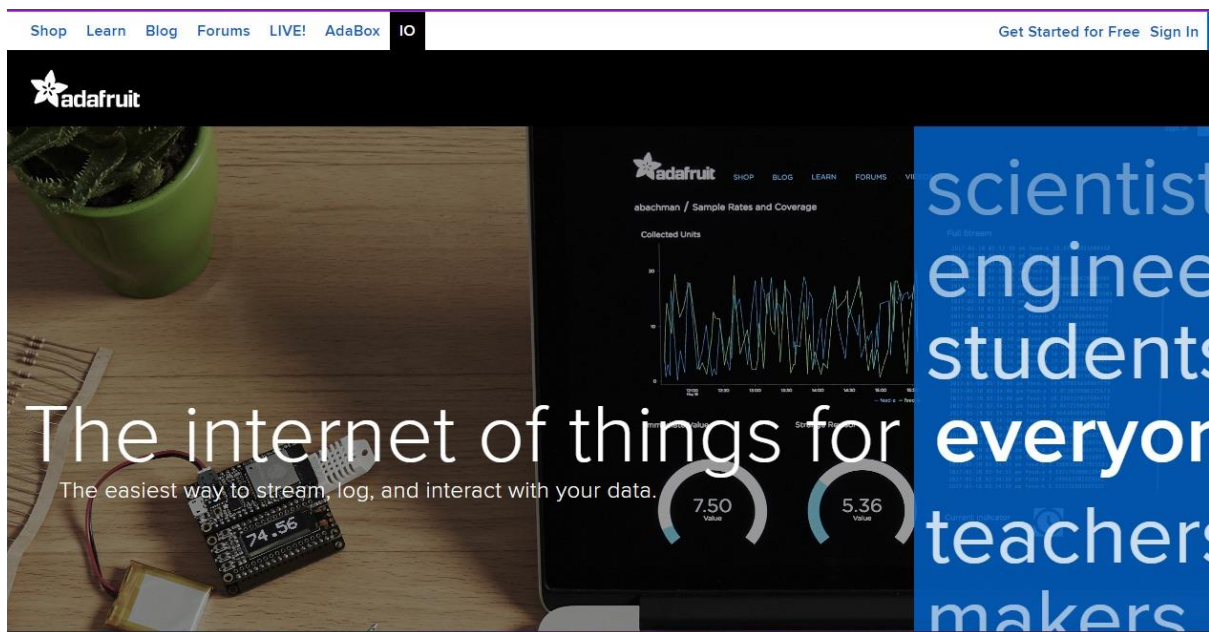
# IOT MAJOR PROJECT

Create an Adafruit IO account and connect it with IFTTT. Also, connect twitter with IFTTT.

If value of adafruit IO feed becomes equal to 100, post a tweet on your account using IFTTT service.

## ADAFRUIT

- Open Adafruit website on the browser



- If we didn't have account sign up

## SIGN UP

The best way to shop with Adafruit is to create an account which allows you to shop faster, track the status of your current orders, review your previous orders and take advantage of our other member benefits.

FIRST NAME

LAST NAME

EMAIL

USERNAME

Username is viewable to the public on the forums, Adafruit IO, and elsewhere.


PASSWORD

CREATE ACCOUNT

HAVE AN ADAFRUIT ACCOUNT?

SIGN IN

- If we have account log in



## SIGN IN

Your Adafruit account grants you access to all of Adafruit, including the shop, learning system, and forums.

EMAIL OR USERNAME

PASSWORD

[Forget your password?](#)

SIGN IN

NEED AN ADAFRUIT ACCOUNT?

SIGN UP

## ORDER STATUS

Did you check out as a guest? Or do you just want to check your order status without signing in?

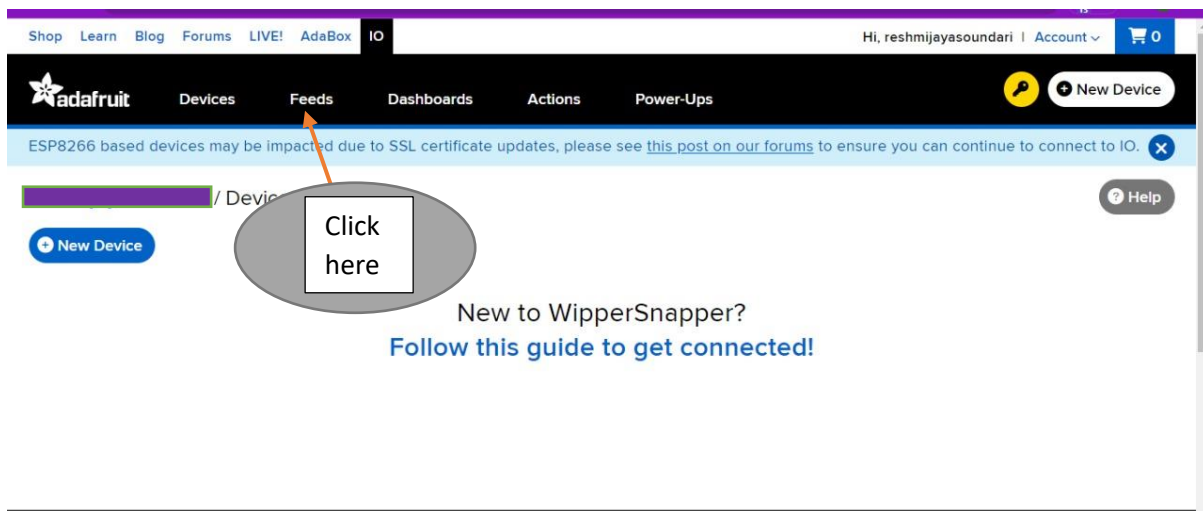
EMAIL ADDRESS

ORDER NUMBER

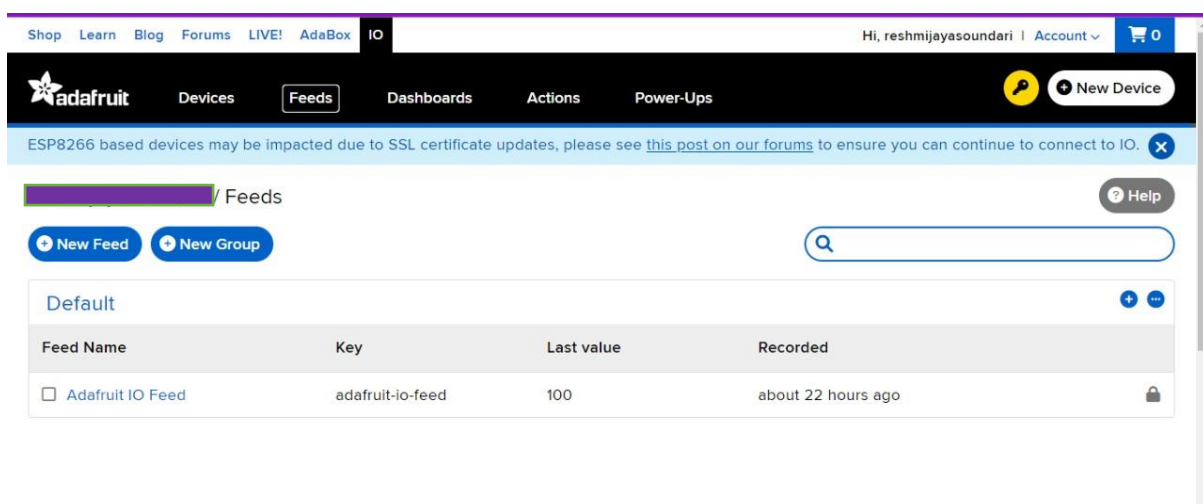
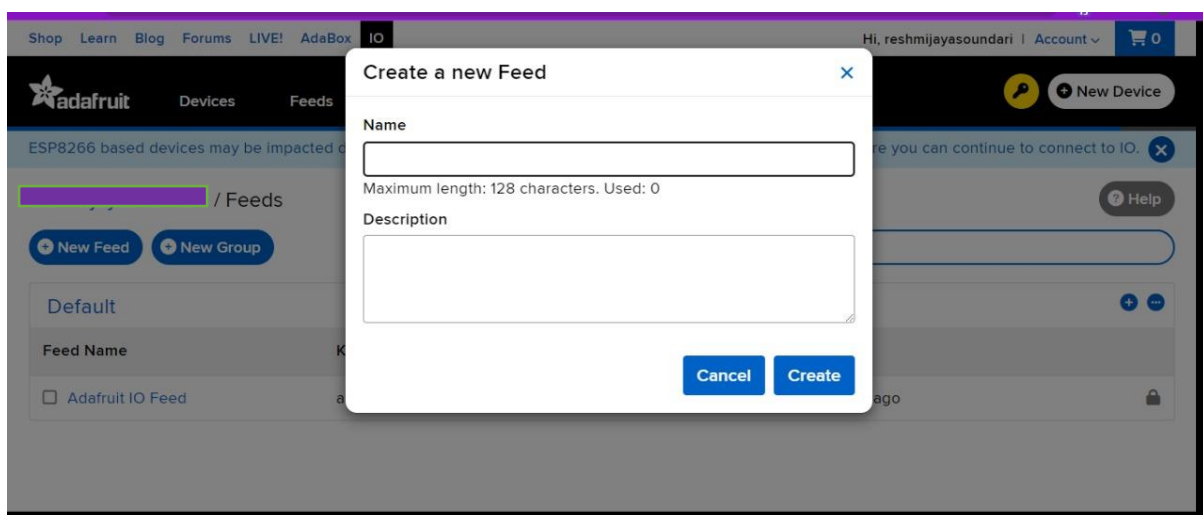
[Where do I find this?](#)

CHECK ORDER STATUS

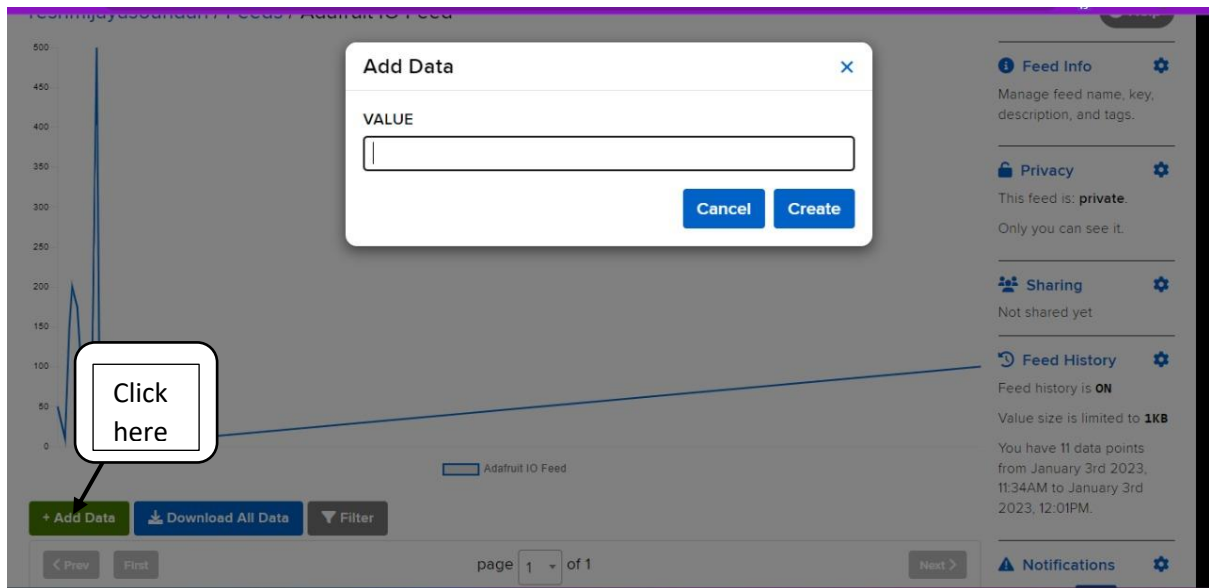
- After login , This is the screen displayed
- Click on feeds



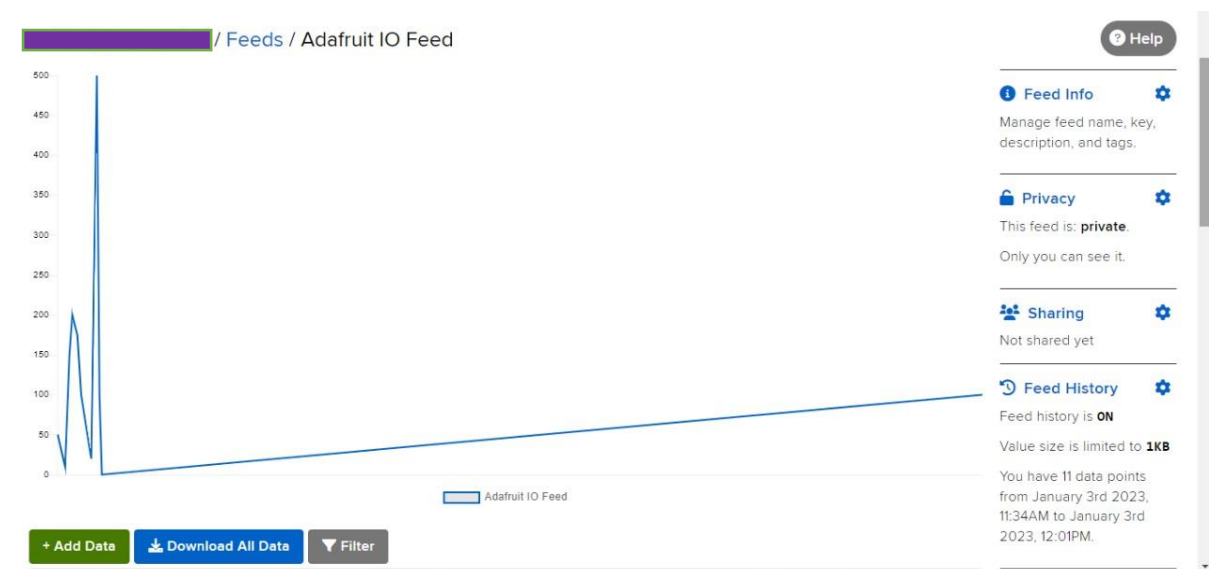
- Create a new feed Adafruit IO Feed



- To add data click on add data button , type the value and click create



- It then displays on the graph



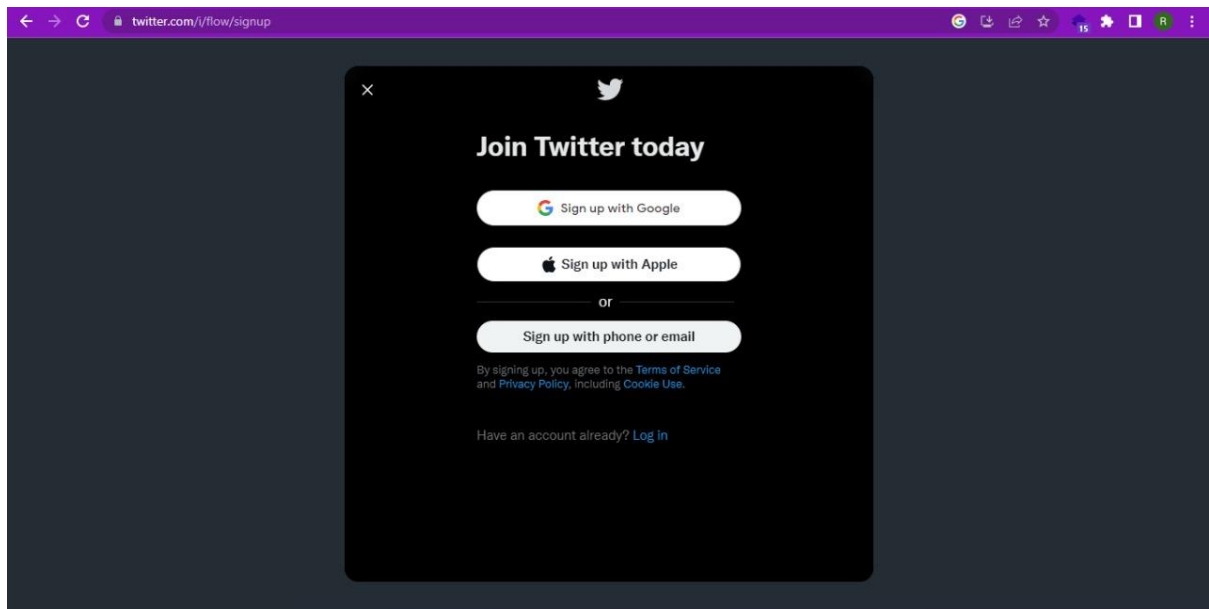
- The values are displayed in the table as shown

Created at	Value	Location
2023/01/03 12:01:52PM	100	×
2023/01/03 11:35:30AM	0	×
2023/01/03 11:35:26AM	100	×
2023/01/03 11:35:21AM	500	×
2023/01/03 11:35:11AM	20	×
2023/01/03 11:34:53AM	100	×
2023/01/03 11:34:46AM	175	×
2023/01/03 11:34:37AM	200	×
2023/01/03 11:34:32AM	150	×
2023/01/03 11:34:24AM	10	×
2023/01/03 11:34:11AM	50	×

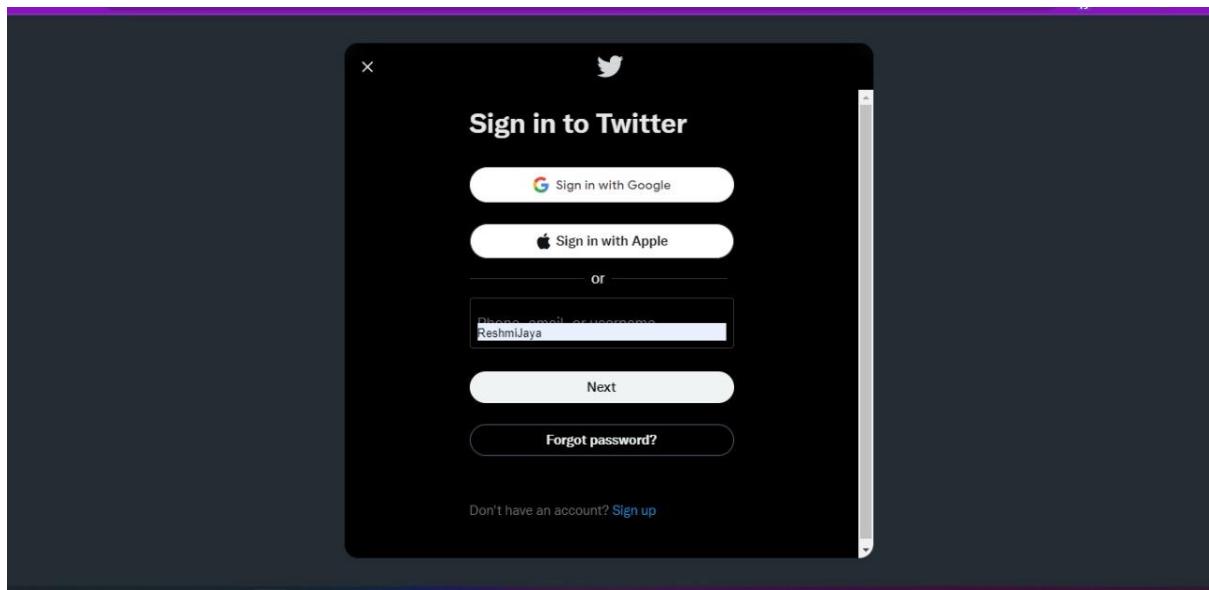
Record 1 through 11 of 11 (100.00% loaded)

## TWITTER

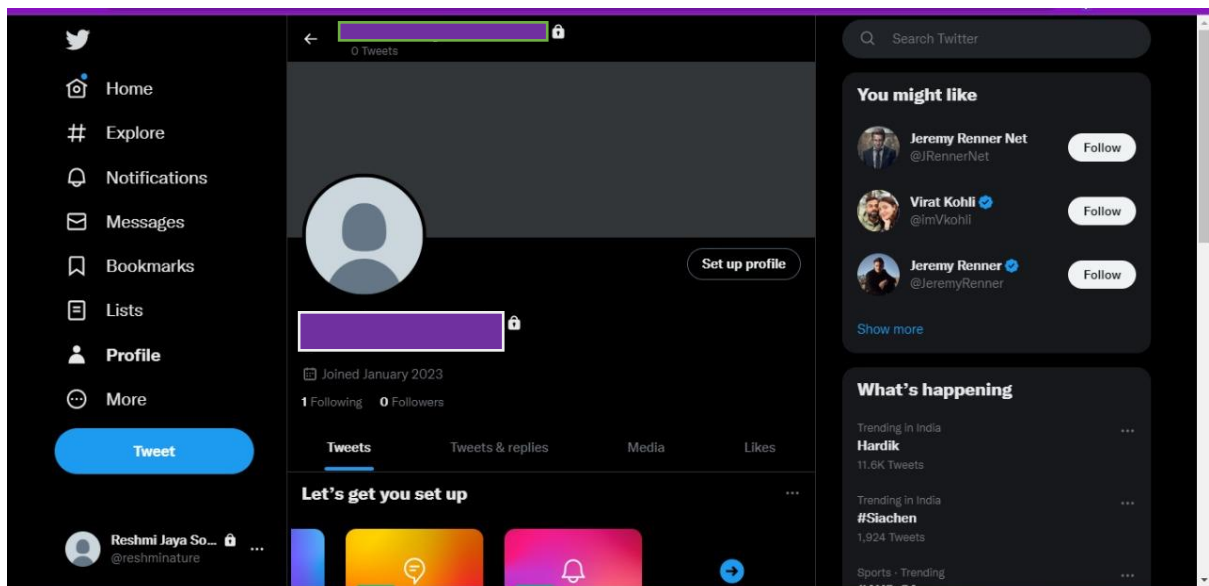
- ❖ Open twitter website on the browser
- ❖ If we didn't have account sign up



- ❖ If we have account log in

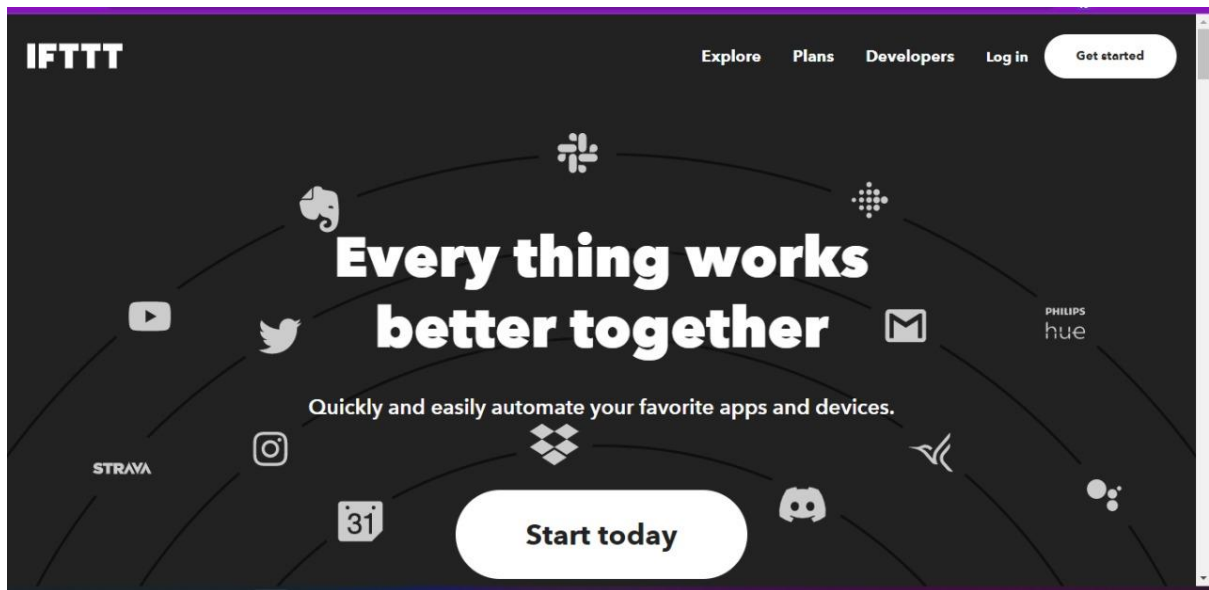


❖ After login , It shows the home page

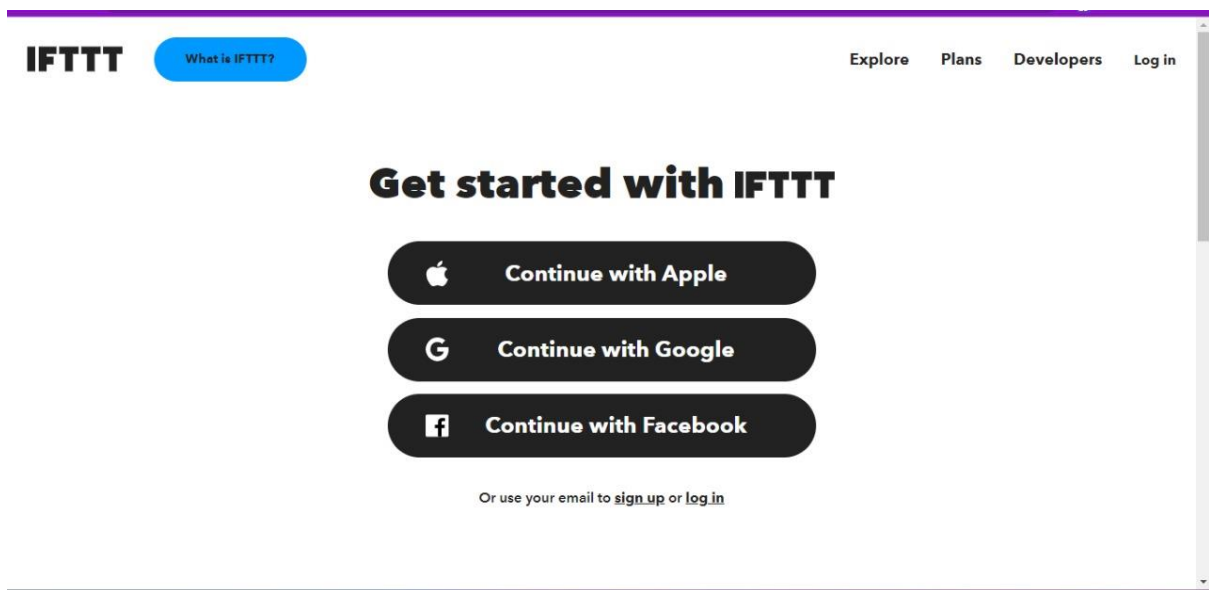


IFTTT

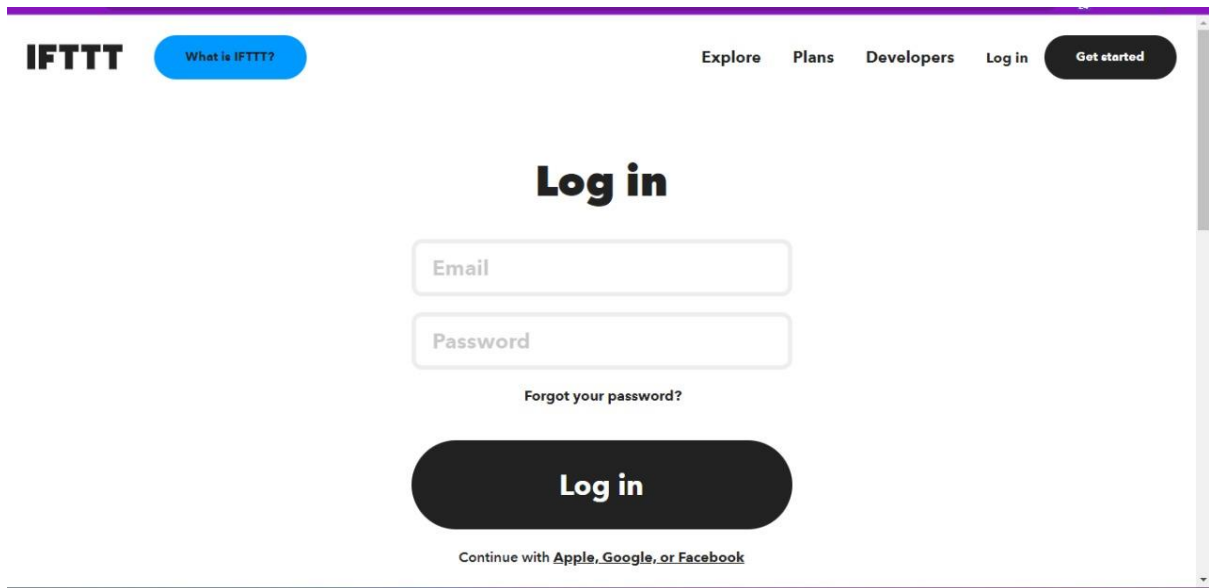
🌐 Open IFTTT website on the browser



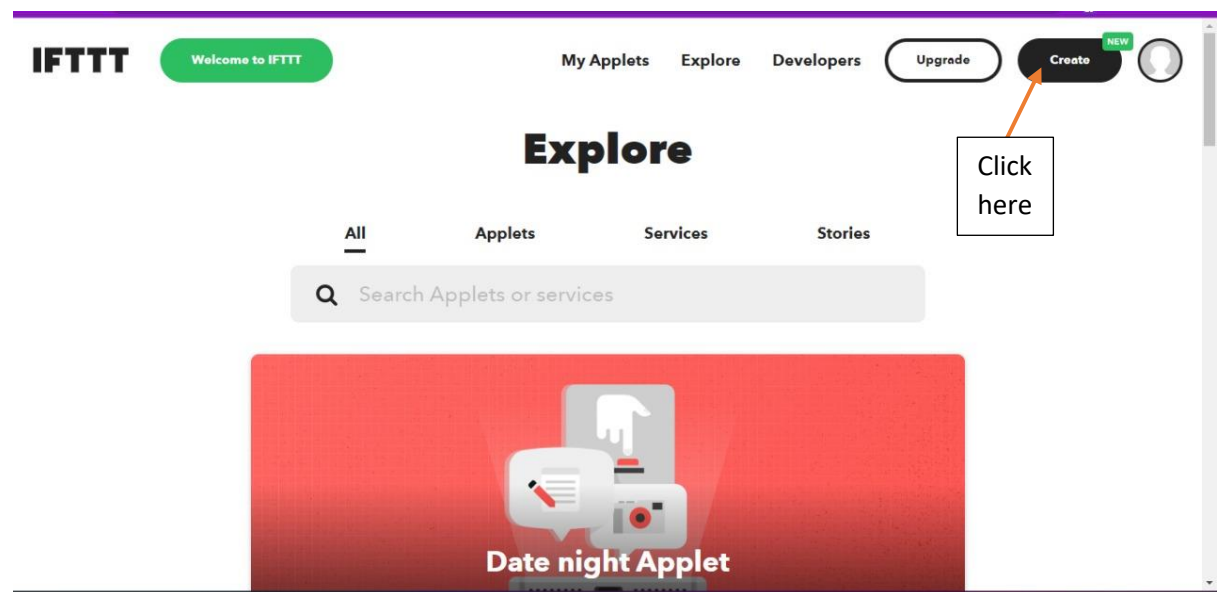
🌈 If we didn't have account sign up



🌈 If we have account log in

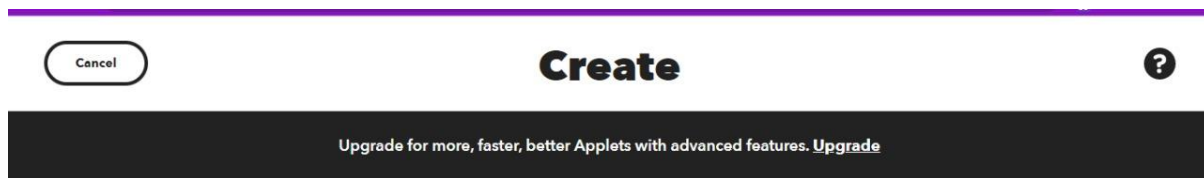


- After login , It displays like this as shown
- To create an Applet , Click on create button on top right hand side



- It displays like this here
- Click on add in “If This” section




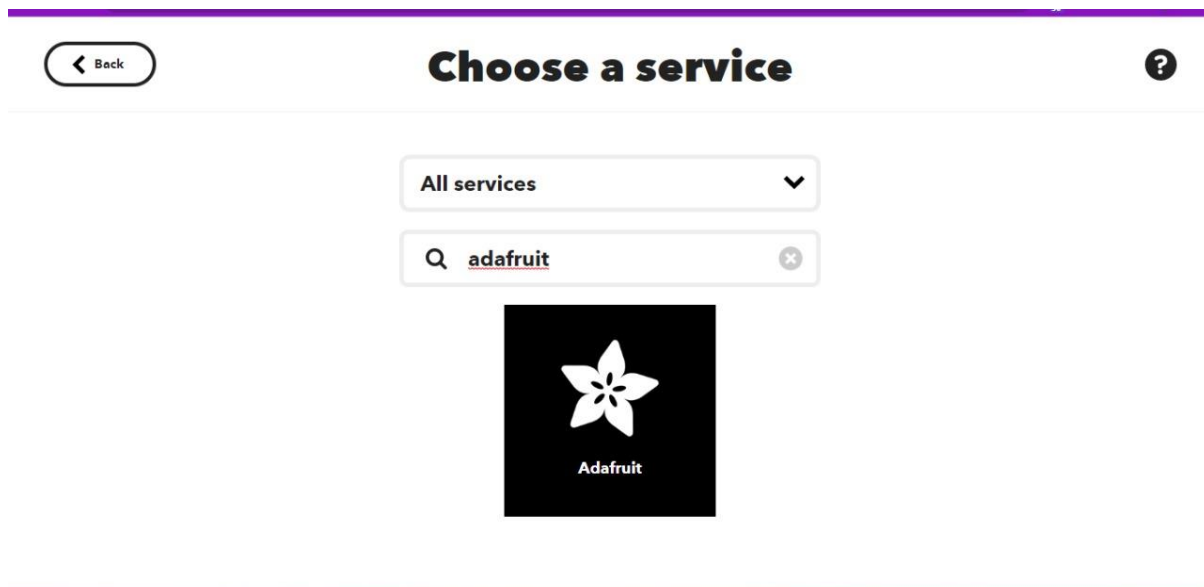



You're using 0 of 2 Applets

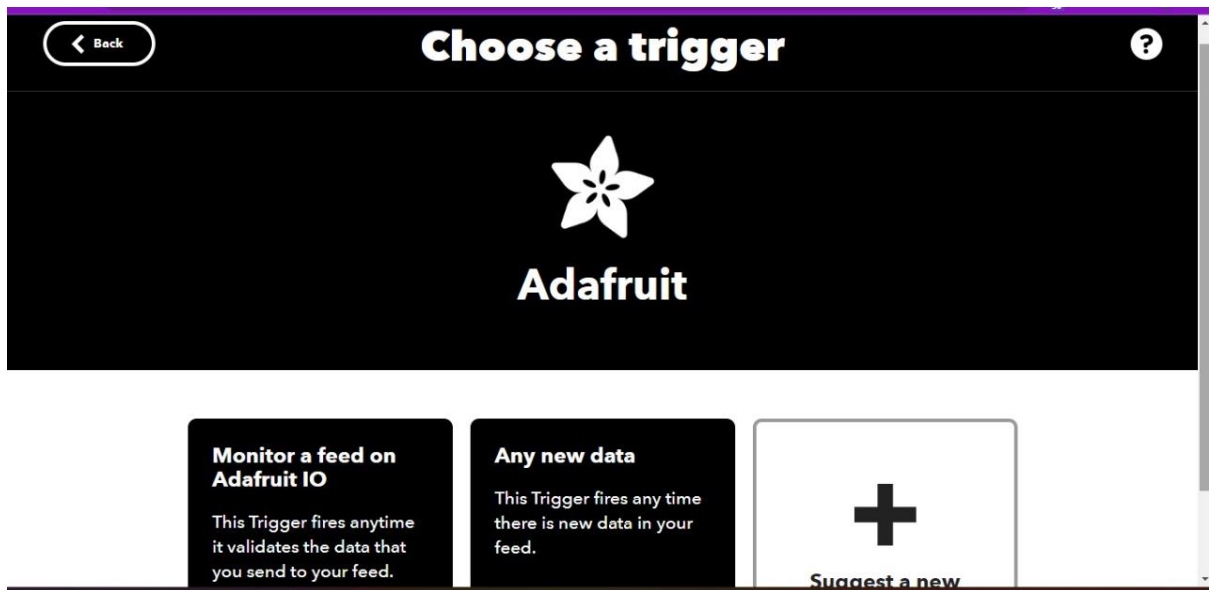


Click here

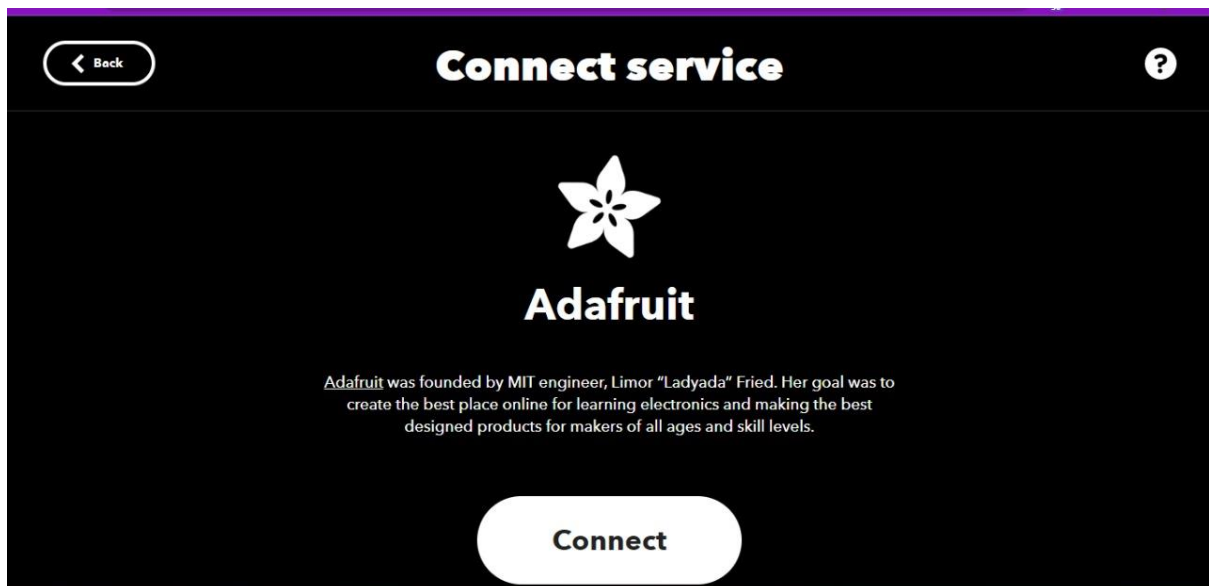
 In choosing a service , type adafruit




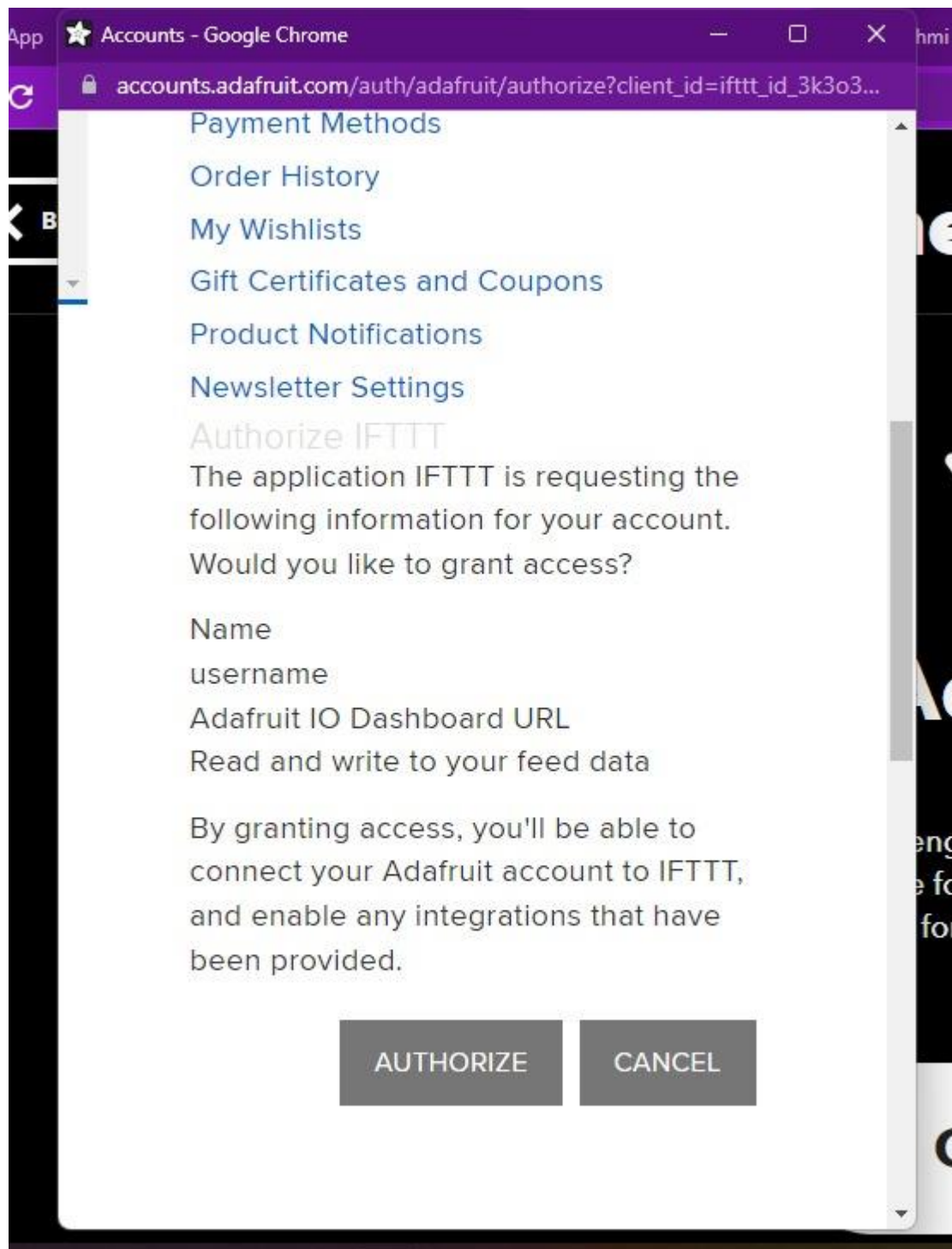
 Here , click on Monitor a Feed on Adafruit IO



 Click Connect



 While clicking on Connect , IFTTT asks to authorize Adafuit click on authorize so as to connect the service to Applet



## Monitor a feed on Adafruit IO

This Trigger fires anytime it validates the data that you send to your feed. Example: If Feed Temperature > 80, fire Trigger.

**Adafruit account**

[Add new account](#)

**Feed**

The name of the feed to check.

**Relationship**

Relationship between two values.

**Value**

- The following shows our Adafruit account , Feed , Relationship and Value are displayed
- Put the condition as “Equal To” in the Relationship box and Type “100” in Value box
- Click on Trigger

**Feed**

The name of the feed to check.

**Relationship**

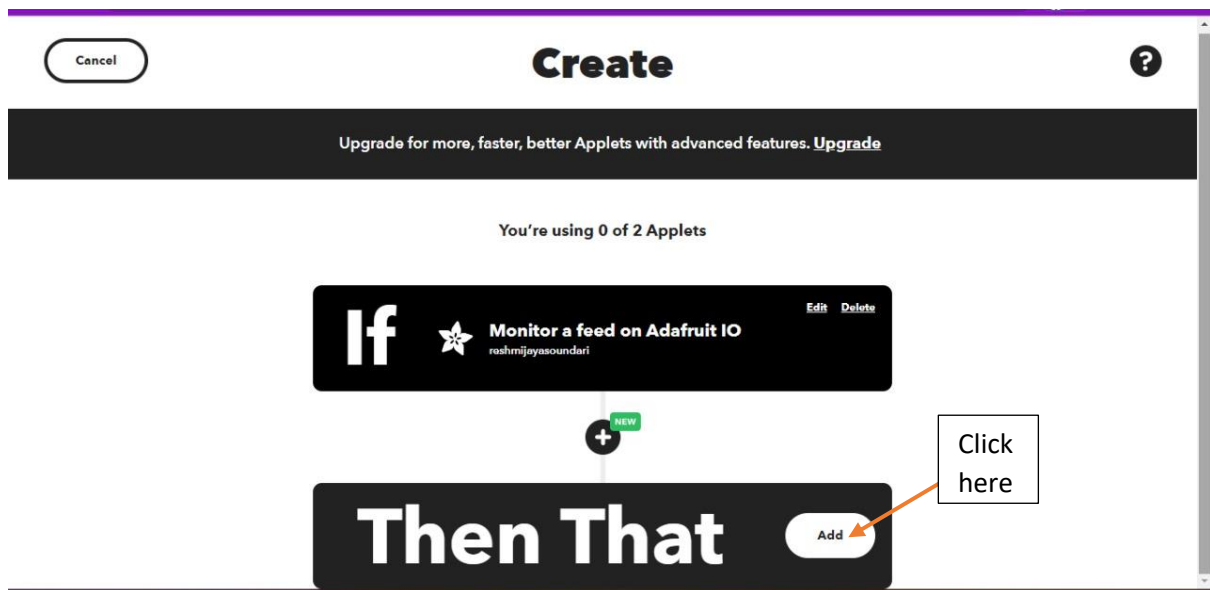
Relationship between two values.

**Value**

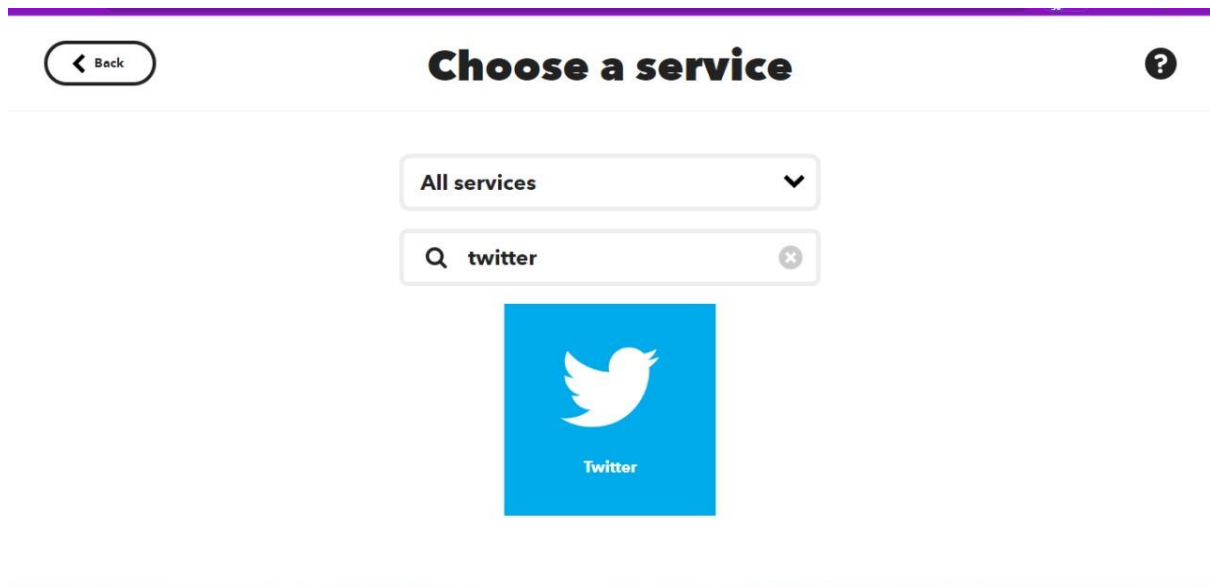
The value to compare against.


[Create trigger](#)

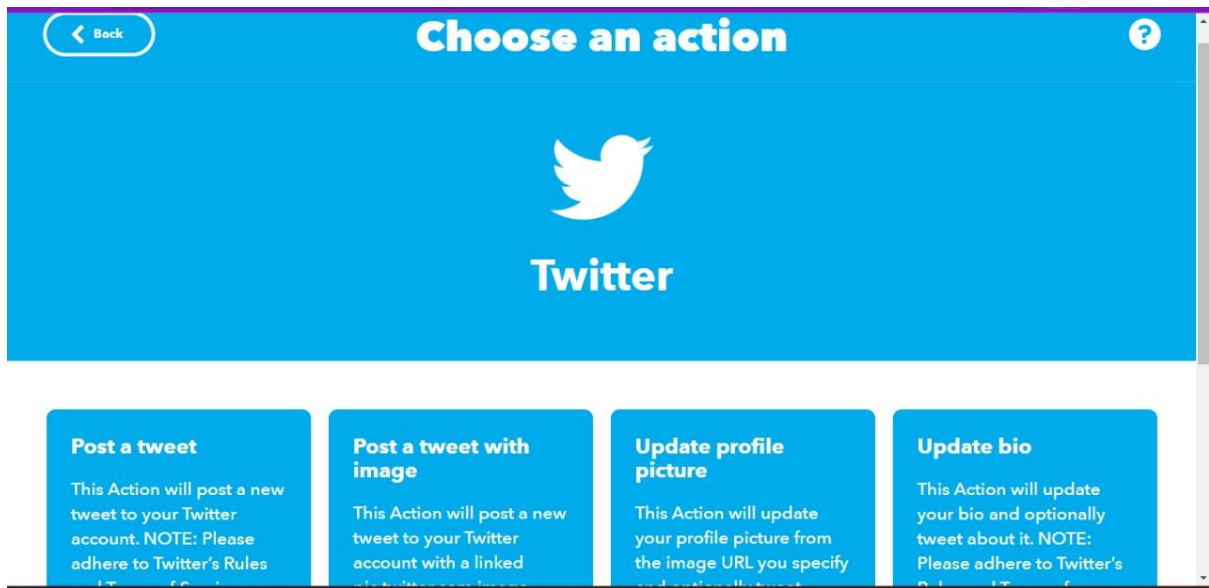
- Click on add in “If That” section



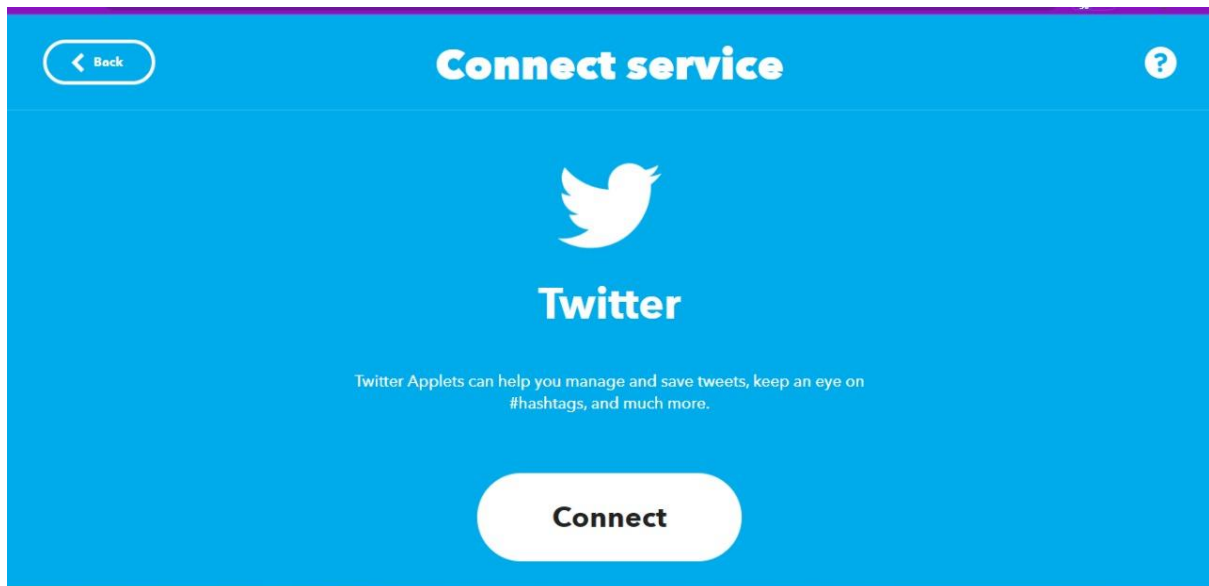
 In choosing a service , type twitter




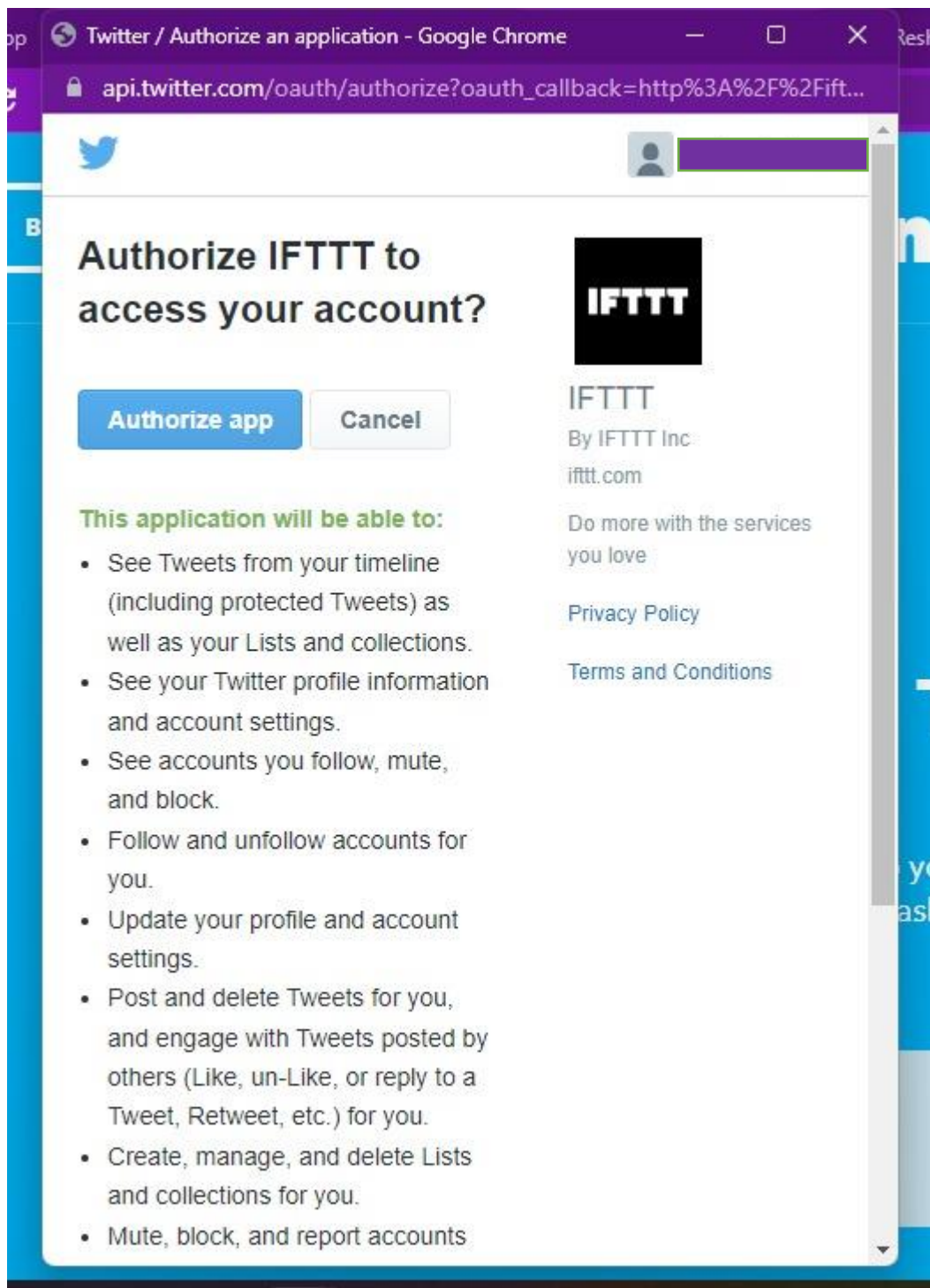
 Here , click on Post a Tweet



 Click Connect



 While clicking on Connect , IFTTT asks to authorize Twitter click on authorize so as to connect the service to Applet



- ✚ The following shows our Twitter account and the Tweet text ( With the conditions we mentioned ) are displayed
- ✚ Type the Tweet Text we want
- ✚ Click on Create Action

## Post a tweet

This Action will post a new tweet to your Twitter account. NOTE: Please adhere to Twitter's Rules and Terms of Service.

Twitter account

Pro

Add new account

Tweet text

FeedName

FeedValue

 is  

Operator

TriggerValue

 !

Add ingredient

Create action

## Post a tweet

This Action will post a new tweet to your Twitter account. NOTE: Please adhere to Twitter's Rules and Terms of Service.

Twitter account

Pro


Add new account

Tweet text

{{FeedName}} {{FeedValue}} is  
{{Operator}} {{TriggerValue}}!  
This tweet is posted by IFTTT...  
Testing Completed.....


Add ingredient


Create action


 Click Continue




You're using 0 of 2 Applets

**If**  **Monitor a feed on Adafruit IO** reshmijayasoundari [Edit](#) [Delete](#)



 NEW

**Then**  **Post a tweet** reshminature [Edit](#) [Delete](#)



**Continue**

 Click Finish

   
Applet Title



**If Data on Adafruit IO Feed feed is equal to 100,  
then Post a tweet to @reshminature**

by reshmijayasoundari 84/140

**Receive notifications when this Applet runs** ☐

**Finish**

[Back](#)[Settings](#)



# If Data on Adafruit IO Feed feed is equal to 100, then Post a tweet to @reshminature

[Edit title](#)

by reshmiayasoundari

1

Connected

[More detail](#)

Connected Jan 04, 2023

Never run

 Click on Check Now

Connected

[More detail](#)

Connected Jan 04, 2023

Never run

Notify me when this runs

☐

Check the log of your Applet runs

View activity

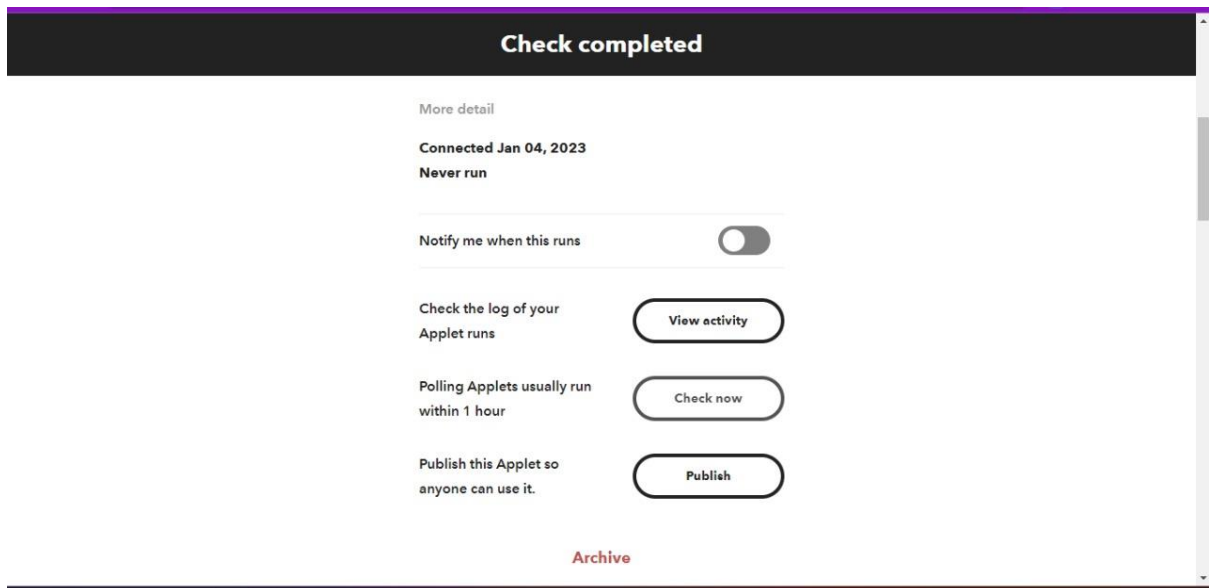
Polling Applets usually run within 1 hour

Check now

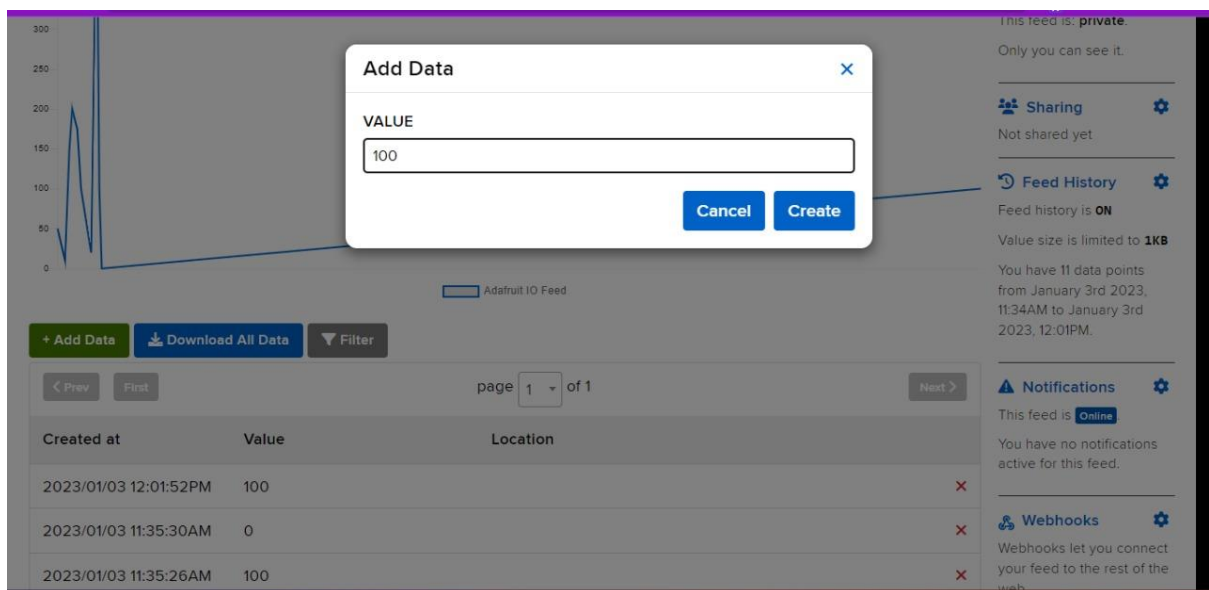
Publish this Applet so anyone can use it.

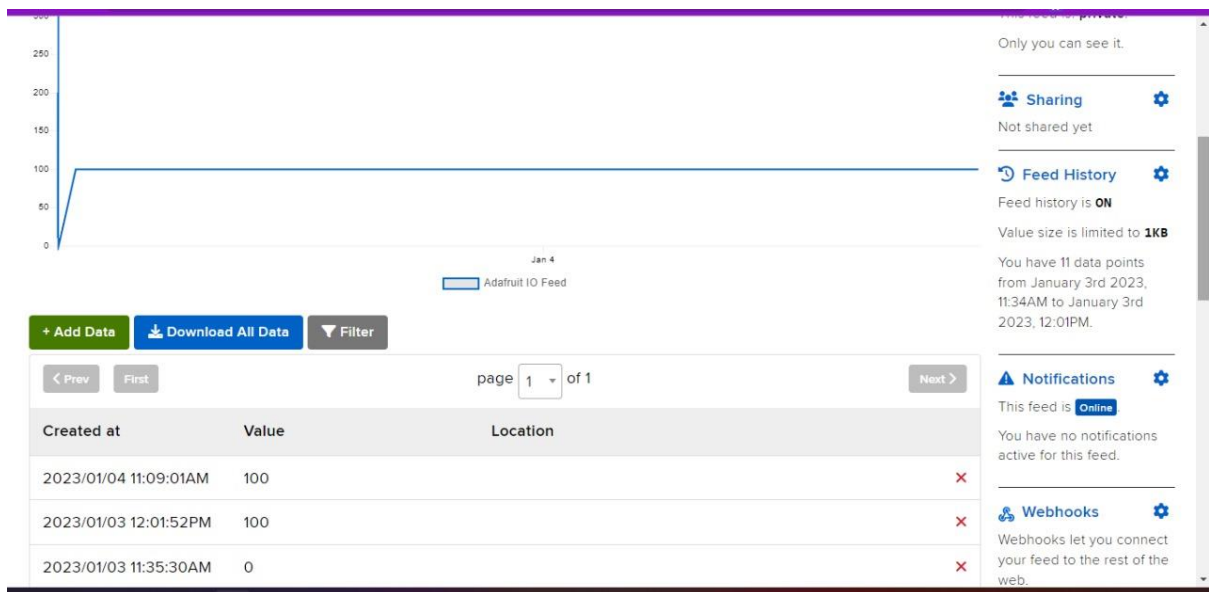
Publish

[Archive](#)

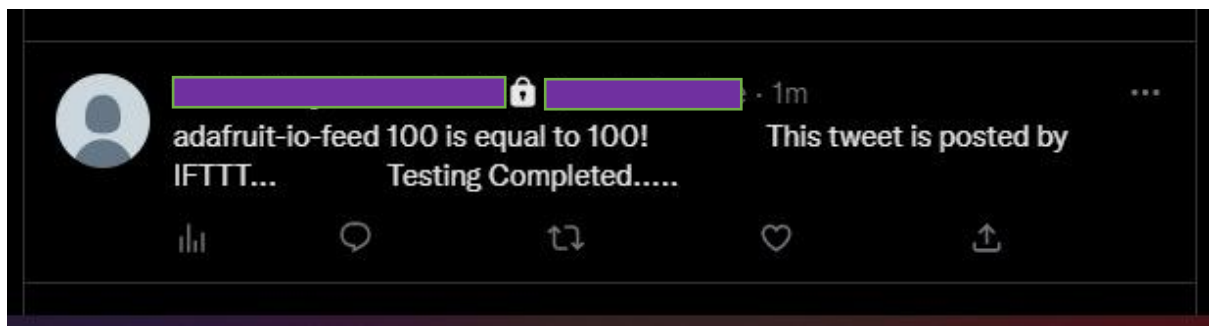


🌈 In Adafruit IO Feed , Click on Add data , Type the value as 100 and Click Create



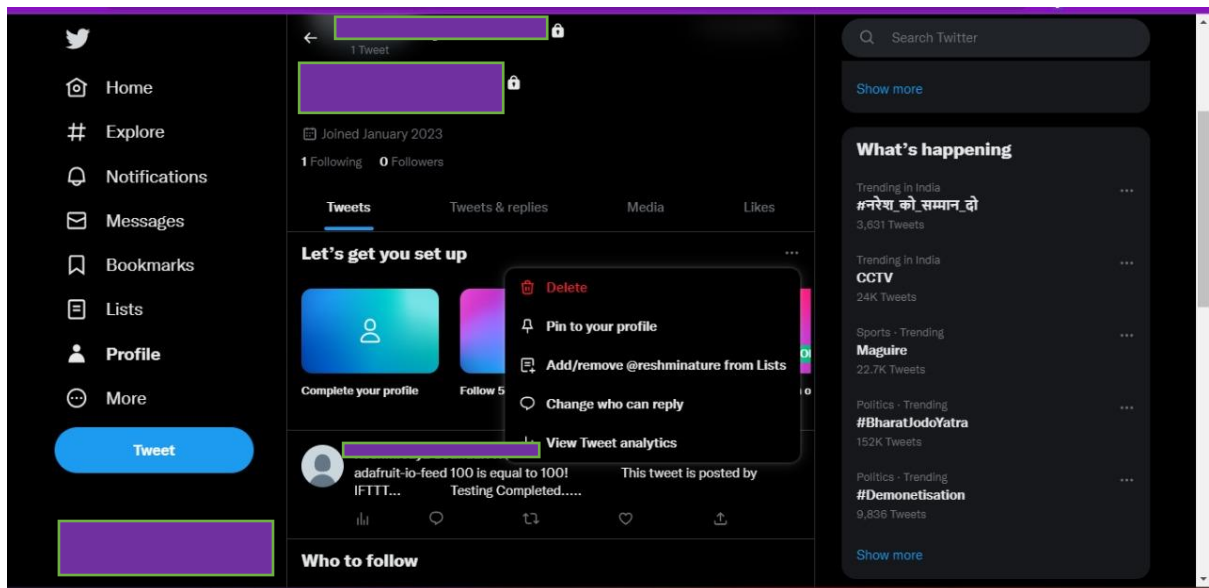


- 🚦 Check on Twitter , If it posts a tweet then the testing is completed successfully
- 🚦 In IFTTT, the run time has increased by 1 time



### CONDITIONS :

- If we want to add the same value again , It will not post the tweet unless deleted but the run time increases once
- If we delete and enter the same value it posts a tweet again
- The run time increases one time



Connected

More detail

Connected Jan 04, 2023

Last activity Jan 04, 2023

Run 2 times

Notify me when this runs



Check the log of your  
Applet runs

View activity

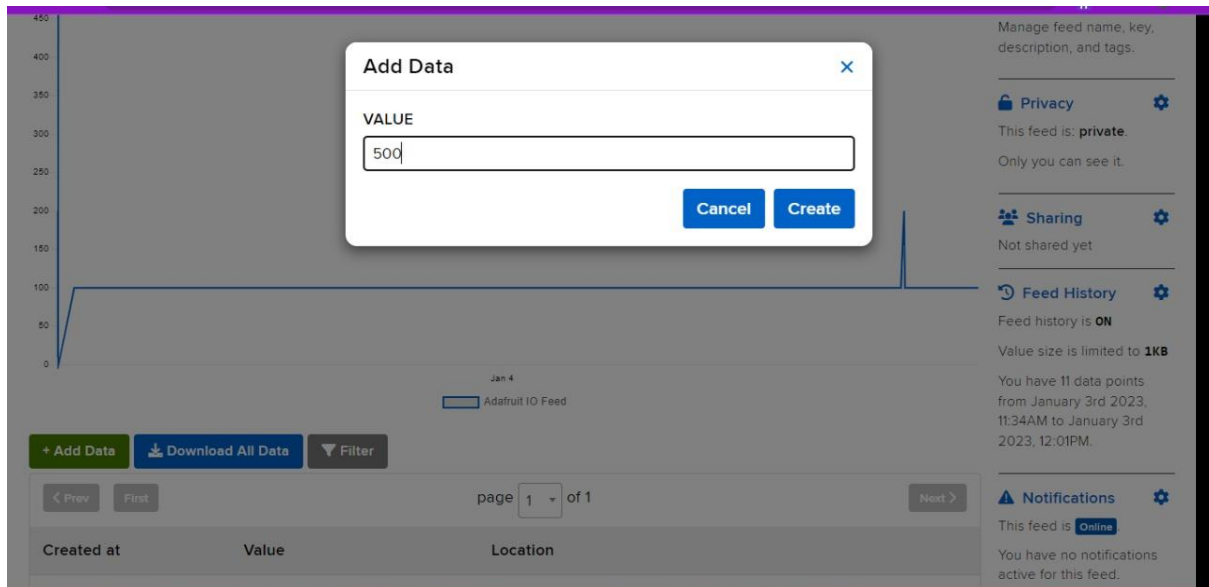
Polling Applets usually run  
within 1 hour

Check now

Publish this Applet so  
anyone can use it.

Publish

- If we put value other than 100 , it does not post the tweet according to the condition mentioned above
- The run time doesn't increases



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**Connected**



More detail

**Connected Jan 04, 2023**

**Last activity Jan 04, 2023**

**Run 2 times**

---

Notify me when this runs



---

Check the log of your  
Applet runs

**View activity**

Polling Applets usually run  
within 1 hour

**Check now**

Publish this Applet so  
anyone can use it.

**Publish**

- 
- Here , the values that are added are mentioned in the table

Created at	Value	Location
2023/01/04 1:26:07PM	200	×
2023/01/04 1:25:03PM	100	×
2023/01/04 1:24:07PM	100	×
2023/01/04 1:22:05PM	300	×
2023/01/04 1:20:17PM	500	×
2023/01/04 1:18:54PM	100	×
2023/01/04 11:22:44AM	100	×
2023/01/04 11:14:22AM	200	×
2023/01/04 11:09:01AM	100	×
2023/01/03 12:01:52PM	100	×

TO LOGOUT THIS SERVICE :

- Click on Archive and click Ok

Check the log of your  
Applet runs

View activity

Polling Applets usually run  
within 1 hour

Check now

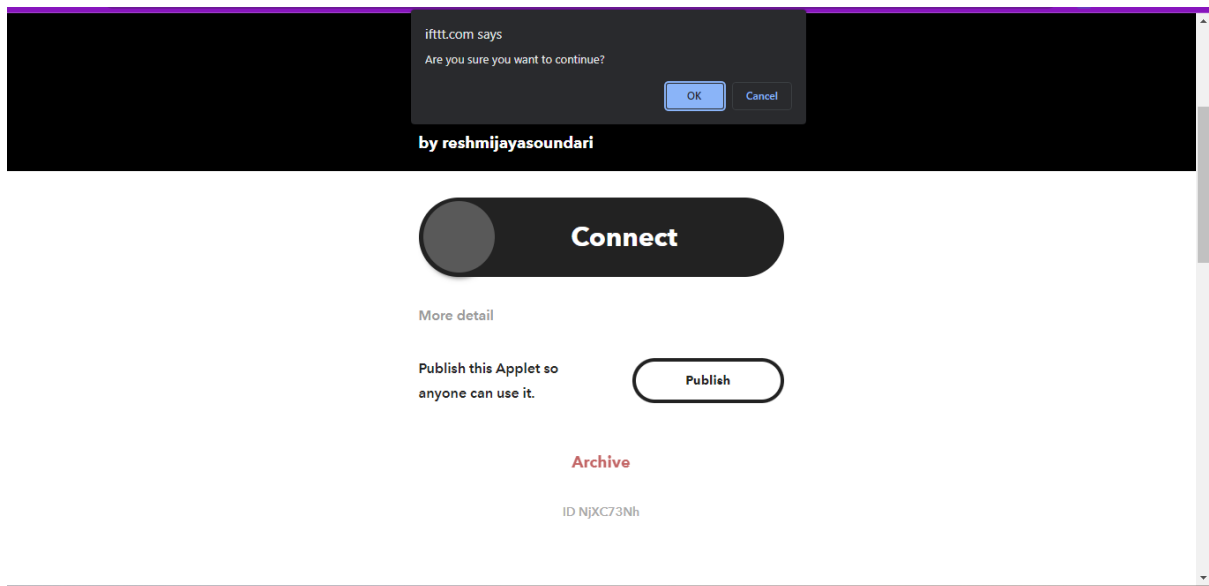
Publish this Applet so  
anyone can use it.

Publish


Archive

ID NjXC73Nh





## Archive

 Filter

**If Data on Adafruit IO Feed feed is equal to 100, then Post a tweet to @reshminature**

by reshmijayasoundari

Restore

☆ 🐦

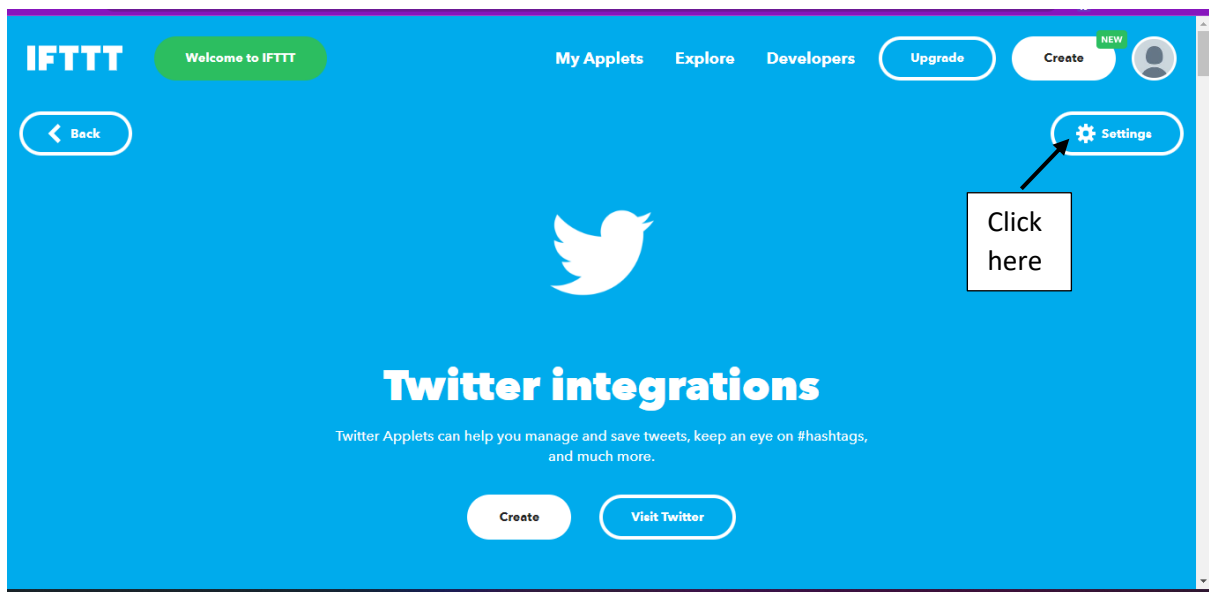
**If Data on Adafruit IO Feed feed is equal to 100, then Post a tweet to @reshminature**

by reshmijayasoundari

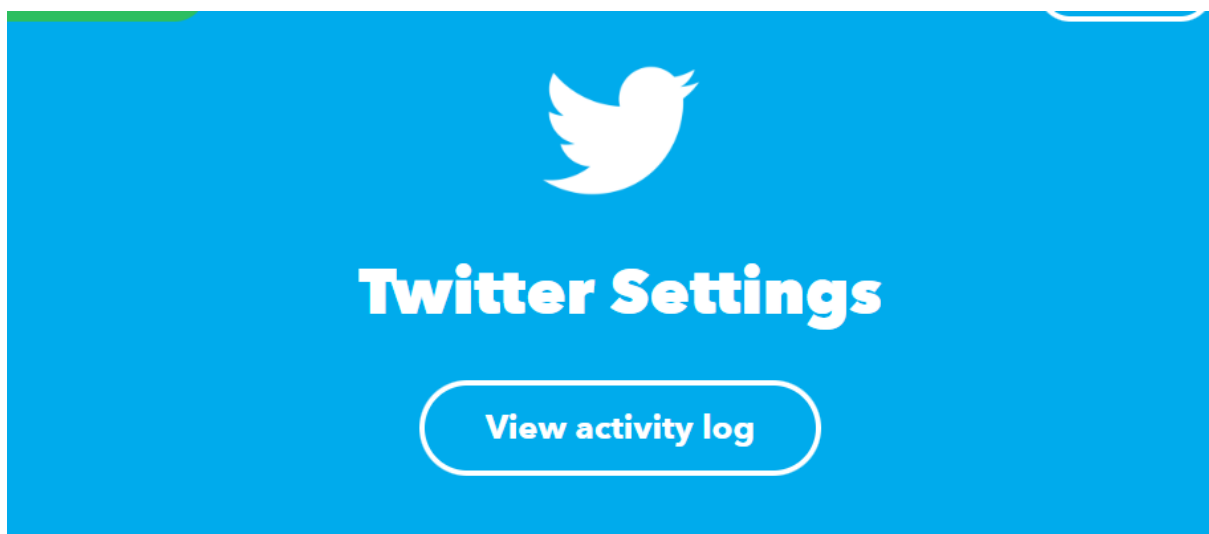
Restore

☆ 🐦

- To logout twitter service , click on Settings



- Click on Remove



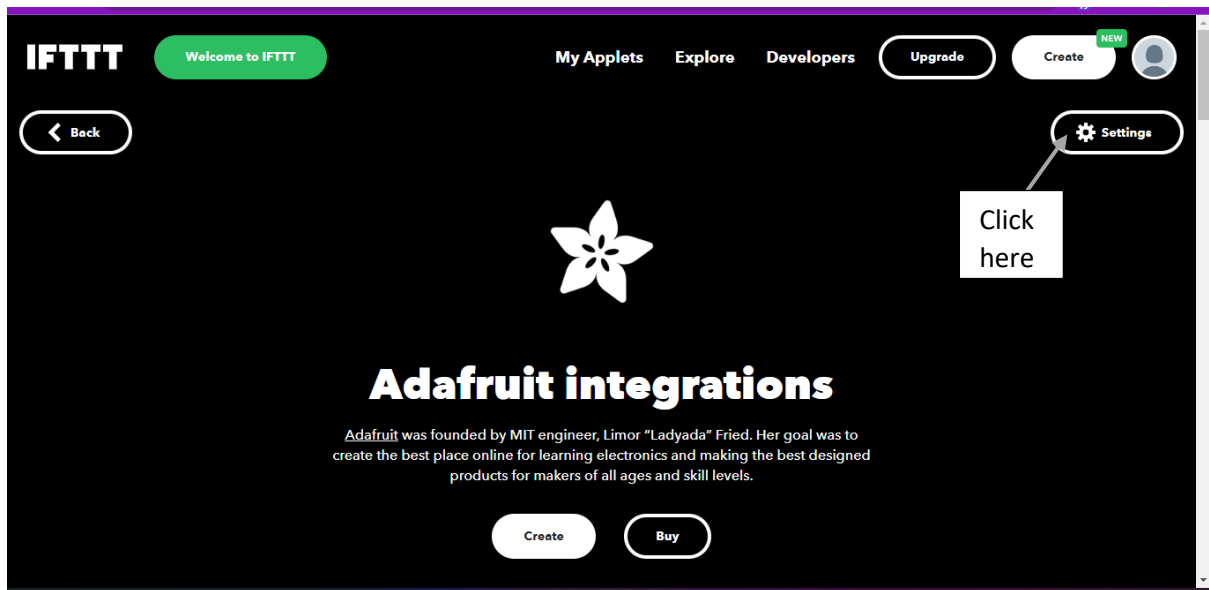
### Connected as



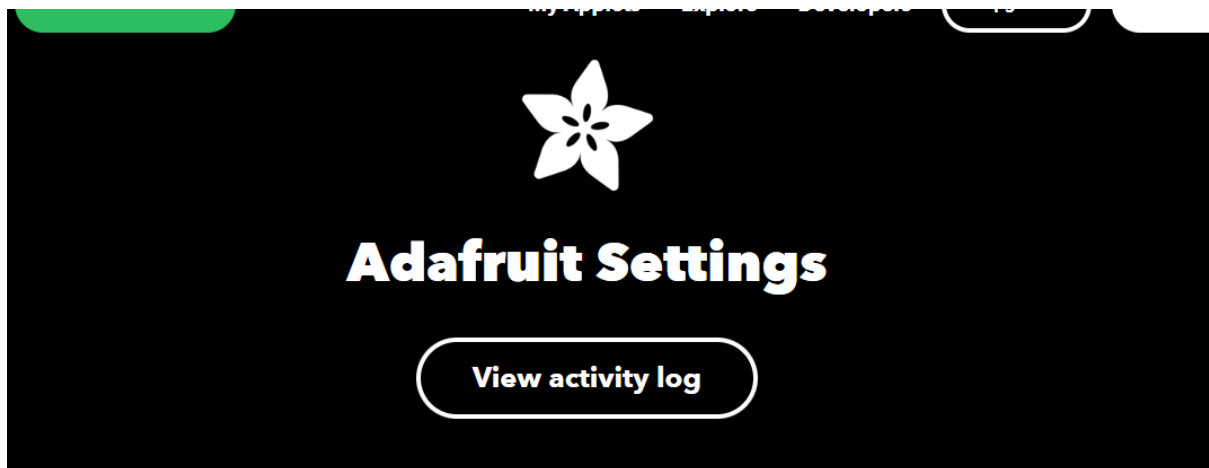
Status  
Active

[Remove](#) [Reconnect](#)

- To logout adafruit service , click on Settings



- Click on Remove



#### Connected as



Status  
Active

[Remove](#) [Reconnect](#)